

BULLETIN NUMBER: B202/B178/B180 – 021

02/09/2006

APPLICABLE MODEL:

GESTETNER - DSC435/DSc445

LANIER - LD335c/LD345c

RICOH - AFICIO 3235C/3245C

SAVIN - C3528/C4535

SUBJECT: SERVICE MANUAL - INSERT

The Service Manual pages listed below must be replaced with the pages supplied.

The revised areas have been highlighted by an arrow ⇒.

PAGES:

- | | |
|----------------|--------------------------|
| • 5-12 to 5-16 | Additional SP Code Added |
| • 5-55 to 5-58 | Additional SP Code Added |
| • 5-74 to 5-76 | Additional SP Code Added |



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**SERVICE
MANUAL**

1105	[Fusing Temperature]		
	(Heating or Pressure roller: Paper Type, [Color], Simplex/Duplex, Process Speed) Paper Type -> N: Normal, OHP. MTH: Middle Thick, TH: Thick, SP: Special Some settings of fusing temperature depend on the destination (US or Europe/Asia). US: Setting for US, EU: Setting for Europe/Asia		
1105 1	H: Ready	*BCU	[10 to 100 / 10 / 1°C/step]
	Sets the heating roller temperature for the print ready condition. After the main switch has been turned on, the machine enters the print ready condition when the heating roller temperature reaches the temperature specified in this SP mode. When the machine is in the recovery mode from the energy saver or auto off mode, the machine becomes ready when both heating and pressure roller temperatures reach the specified temperature. Ready temperature = (Target temperature specified in SP1-104-25 or 105-4 to 30) – Temperature specified in this SP mode.		
1105 2	P: Ready	*BCU	[10 to 100 / 30 / 1°C/step]
	Sets the pressure roller temperature for the printing ready condition. Ready temperature = (Target temperature specified in SP1-104-25 or 105-4 to 30) – Temperature specified in this SP mode The following SPs set the target operating temperatures of the heating and pressure rollers in various modes. (The default settings are different for C2a and C2b)		
1105 4	H:N [K] S M	*BCU	[100 to 190 / C2a/k: 140, C2b: 160 / 5°C/step]
1105 5	H:N [K] S H	*BCU	[100 to 190 / C2a/k: 160, C2b: 175 / 5°C/step]
1105 6	H:N [K] D M	*BCU	[100 to 190 / C2a/k: 140, C2b: 160 / 5°C/step]
1105 7	H:N [K] D H	*BCU	[100 to 190 / C2a/k: 160, C2b: 175 / 5°C/step]
1105 8	H:N[FC] S L	*BCU	[100 to 190 / 135 / 5°C/step]
1105 9	H:N[FC] S M	*BCU	[100 to 190 / 140 / 5°C/step]
1105 10	H:N[FC] D L	*BCU	[100 to 190 / 135 / 5°C/step]
1105 11	H:N[FC] D M	*BCU	[100 to 190 / C2a/k: 140, C2b: 160 / 5°C/step]
1105 13	H:OHP	*BCU	[100 to 190 / 145 / 5°C/step]
1105 15	P:N [K] S M	*BCU	[0 to 190 / C2a/k: 130, C2b: 145 / 5°C/step]
1105 16	P:N [K] S H	*BCU	[0 to 190 / C2a/k: 145, C2b: 150 / 5°C/step]
1105 17	P:N [K] D M	*BCU	[0 to 190 / C2a/k: 130, C2b: 145 / 5°C/step]
1105 18	P:N [K] D H	*BCU	[0 to 190 / C2a/k: 145, C2b: 150 / 5°C/step]
1105 19	P:N[FC] S L	*BCU	[0 to 190 / 130 / 5°C/step]
1105 20	P:N[FC] S M	*BCU	[0 to 190 / C2a/k: 130, C2b: 145 / 5°C/step]
1105 21	P:N[FC] D L	*BCU	[0 to 190 / 130 / 5°C/step]
1105 22	P:N[FC] D M	*BCU	[0 to 190 / C2a/k: 130, C2b: 145 / 5°C/step]
1105 24	P:OHP	*BCU	[0 to 190 / 130 / 5°C/step]
1105 26	H:TH	*BCU	[0 to 190 / 155 / 5°C/step]
1105 28	P:TH	*BCU	[0 to 190 / 5°C/step] 155 for (B180) 150 for (B178, B202)
1105 29	H:Envelope	*BCU	[0 to 190 / 155 / 5°C/step]
1105 30	P:Envelope	*BCU	[0 to 190 / 135 / 5°C/step]
1105 31	H: Slow Down	*BCU	[1 to 20 / 5 / 1°C/step]
	Sets the heating roller temperature for the printing start condition when changing the process speed. Fusing temperature must be decreased when the machine changes to a process speed that is slower than the current process speed (for example, when the speed changes from high speed to low speed). The machine idles while reducing the fusing temperature. When the fusing temperature becomes lower than the ready temperature, the machine starts printing. Ready Temperature = Target temperature + Temperature specified in this SP mode.		



1105	[Fusing Temperature]		
	(Heating or Pressure roller: Paper Type, [Color], Simplex/Duplex, Process Speed) Paper Type -> N: Normal, OHP. MTH: Middle Thick, TH: Thick, SP: Special Some settings of fusing temperature depend on the destination (US or Europe/Asia). US: Setting for US, EU: Setting for Europe/Asia		
1105 32	P: Slow Down	*BCU	[1 to 20 / 10 / 1°C/step]
	Sets the pressure roller temperature for the printing start condition when changing the process speed.		
1105 33	H:SP L	*BCU	[-20 to 30 / -5 / 1°C/step]
1105 34	H:SP M	*BCU	[-20 to 30 / -5 / 1°C/step]
1105 35	H:SP H	*BCU	[-20 to 30 / -5 / 1°C/step]
1105 36	P:SP L	*BCU	[-20 to 30 / -5 / 1°C/step]
1105 37	P:SP M	*BCU	[-20 to 30 / -5 / 1°C/step]
1105 38	P:SP H	*BCU	[-20 to 30 / -5 / 1°C/step]
1105 55	H: MTH [K] S M	*BCU	[100 to 190 / C2a/k: 155, C2b: 175 / 5°C/step]
1105 56	H: MTH [K] S H	*BCU	[100 to 190 / C2a/k: 175, C2b: 180 / 5°C/step]
1105 57	H: MTH [K] D M	*BCU	[100 to 190 / C2a/k: 155, C2b: 175 / 5°C/step]
1105 58	H: MTH [K] D H	*BCU	[100 to 190 / C2a/k: 175, C2b: 180 / 5°C/step]
1105 59	H: MTH [FC] S L	*BCU	[100 to 190 / 140 / 5°C/step]
1105 60	H: MTH [FC] S M	*BCU	[100 to 190 / C2a/k: 155, C2b: 175 / 5°C/step]
1105 61	H: MTH [FC] D L	*BCU	[100 to 190 / 140 / 5°C/step]
1105 62	H: MTH [FC] D M	*BCU	[100 to 190 / C2a/k: 155, C2b: 175 / 5°C/step]
1105 63	P: MTH [K] S M	*BCU	[100 to 190 / C2a/k: 140, C2b: 150 / 5°C/step]
1105 64	P: MTH [K] S H	*BCU	[100 to 190 / 150 / 5°C/step]
1105 65	P: MTH [K] D M	*BCU	[100 to 190 / C2a/k: 140, C2b: 150 / 5°C/step]
1105 66	P: MTH [K] D H	*BCU	[100 to 190 / 150 / 5°C/step]
1105 67	P: MTH [FC] S L	*BCU	[100 to 190 / 135 / 5°C/step]
1105 68	P: MTH [FC] S M	*BCU	[100 to 190 / C2a/k: 140, C2b: 150 / 5°C/step]
1105 69	P: MTH [FC] D L	*BCU	[100 to 190 / 135 / 5°C/step]
1105 70	P: MTH [FC] D M	*BCU	[100 to 190 / C2a/k: 140, C2b: 150 / 5°C/step]

1106	[Temperature Display] Fusing Temperature Display (Heating or Pressure)	
	Displays the current temperature of the heating and pressure rollers.	
1106 1	Heat Roller	[0 to 230 / - / 5°C/step]
1106 2	Pressure Roller	

1902 [Paper Size] Tray Paper Size			
1902 1	Tray 1 A4/LT	*BCU	[0 or 1 / <u>0</u> / -] Alphanumeric 0: A4 sideways, 1: LT sideways Tray 1 can only use these two sizes. US: 1 FA
	Specifies the paper size for tray 1.		
1902 2	Tray 2 B4/LG	*BCU	[0 or 1 / <u>0</u> / -] Alphanumeric 0: B4 lengthwise, 1: LG lengthwise This specifies which size is detected for a sensor output of 1101 (see section 6 for details). US: 1 FA
	Specifies the paper size for tray 2.		
1902 3	Tray 2 A4/LT	*BCU	[0 or 1 / <u>0</u> / -] Alphanumeric 0: A4 lengthwise, 1: LT lengthwise This specifies which size is detected for a sensor output of 0110 (see section 6 for details). US: 1 FA
	Specifies the paper size for tray 2.		
1902 4	Tray 2 B5/LT	*BCU	[0 or 1 / <u>0</u> / -] Alphanumeric 0: LT, 1: B5 lengthwise This specifies which size is detected for a sensor output of 1011 (see section 6 for details).
	Specifies the paper size for tray 2.		
1902 5	Fix Size	*BCU	[0 or 1 / <u>0</u> / -] Alphanumeric 0: OFF, 1: ON ON: The by-pass tray automatically detects the paper size and orientation. The process speed is decreased to 1/2. OFF: The by-pass tray does not detect the paper size. The process speed stays at normal speed.
	Turns On or Off auto paper size diction for the by-pass tray		

1910 [Fusing Idling Time]			
Specifies the timer for deciding whether to do fusing idling when receiving a print command. When receiving a new job within the time specified in this SP mode after the last job is completed, fusing idling is not done because the fusing section was already warmed up during the last job.			
1910 1	Idling Time	*BCU	[0 to 180 / <u>1</u> / 1 minute/step] DFU

1912	[Machine Temp. Cor.] Machine Temperature Correction Th: Threshold, Heating or Pressure roller Corrects the fusing temperature depending on the temperature inside the machine. If the temperature inside the machine is too high or low, this may cause hot or cold offset image at the fusing section. To avoid the offset image, the fusing temperature is corrected depending on the temperature inside machine. This is monitored by the thermistor located on the right side of the laser optics-housing unit. If the temperature inside the machine is detected as high or low (based on the settings of SP1-912-001 or 002), the fusing temperature is decreased or increased by the temperature specified in SP1-912-003 to 006. Also, see SP 1-917-1.		
1912 1	Th:High Temp	*BCU	[0 to 50 / <u>30</u> / 1°C/step]
	Sets the threshold for entering the high temperature condition.		
1912 2	Th:Low Temp	*BCU	[0 to 50 / <u>17</u> / 1°C/step]
	Sets the threshold for entering the low temperature condition.		
1912 3	H:High Temp	*BCU	[0 to 15 / <u>0</u> / 1°C/step]
	Sets the fusing temperature decrease for the high temperature condition.		
1912 4	P:High Temp	*BCU	[0 to 15 / <u>0</u> / 1°C/step]
1912 5	H:Low Temp	*BCU	[0 to 15 / <u>5</u> / 1°C/step]
	Sets the fusing temperature increase for the low temperature condition.		
1912 6	P:Low Temp	*BCU	[0 to 15 / <u>5</u> / 1°C/step]
1912 7	H: Temp Control	*BCU	[10 to 50 / <u>34</u> / 1°C/step]
	Decreases the fusing temperature by 10 °C if the temperature inside machine, which is monitored by the thermistor located on the left side of the laser optics housing unit, reaches the set temperature in this SP.		

1913	[Temperature. Cor. 1] Fusing Temperature Correction (Correction Timing) Specifies the number of sheets to determine whether or not to apply the fusing temperature correction. During a multi print job, the fusing temperature tends to slightly overshoot around the 10th sheet and then stabilize. Temperature overshooting may cause the glossiness to increase. To minimize the overshooting, both fusing and pressure roller temperatures are decreased by the amount specified in SP1-914 at the number of sheets specified in this SP mode, until the end of the job. The temperatures are decreased in two steps. Example: Middle speed First step (also called "Mode 1"): After 5 sheets (SP 1-913-2), temperature drops by 5°C (SP 1-914-2). Second step (also called "Mode 2"): After 20 sheets (SP 1-913-7), temperature drops by 10°C (SP 1-914-7). Narrow: LT/A4 SEF width or less Wide: Wider than LT/A4 SEF		
1913 1	Mode 1 H	*BCU	[0 to 255 / <u>20</u> / 1 sheet/step]
1913 2	Mode 1 M	*BCU	[0 to 255 / <u>20</u> / 1 sheet/step]
1913 3	Mode 1 L	*BCU	[0 to 255 / <u>20</u> / 1 sheet/step]
1913 4	Mode 1 OHP narrow	*BCU	[0 to 255 / <u>20</u> / 1 sheet/step]
1913 5	Mode 1 H wide	*BCU	[0 to 255 / <u>20</u> / 1 sheet/step]
1913 6	Mode 2 H	*BCU	[0 to 255 / <u>50</u> / 1 sheet/step]
1913 7	Mode 2 M	*BCU	[0 to 255 / <u>50</u> / 1 sheet/step]
1913 8	Mode 2 L	*BCU	[0 to 255 / <u>50</u> / 1 sheet/step]
1913 9	Mode 2 H narrow	*BCU	[0 to 255 / <u>50</u> / 1 sheet/step]
1913 10	Mode 2 H wide	*BCU	[0 to 255 / <u>50</u> / 1 sheet/step]

1914	[Temperature Cor. 2] Fusing Temperature Correction (Temperature Setting)		
	Specifies the temperature to be subtracted from the targeted temperatures specified in SP1-105-4 to-30. Narrow: LT/A4 SEF width or less Wide: Wider than LT/A4 SEF		
1914 1	Temp 1 H	*BCU	[0 to 20 / C2a/k: <u>0</u> , C2b: <u>5</u> / 5°C /step]
1914 2	Temp 1 M	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 3	Temp 1 L	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 4	Temp 1 OHP narrow	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 5	Temp 1 OHP wide	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 6	Temp 2 H	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 7	Temp 2 M	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 8	Temp 2 L	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 9	Temp 2 OHP narrow	*BCU	[0 to 20 / <u>0</u> / 5°C /step]
1914 10	Temp 2 OHP wide	*BCU	[0 to 20 / <u>0</u> / 5°C /step]

1915	[Stand-by Time]		
1915 1	Job Receiving	*BCU	[0 to 180 / <u>60</u> / 10 seconds/step] 0: The machine does not shift to the stand-by mode.
	Specifies the time to shift the machine into the stand-by mode when not receiving a print start command after receiving a print preparation command.		
1915 2	Job End	*BCU	[0 to 180 / <u>30</u> / 10 seconds/step] 0: The machine does not shift to the stand-by mode.
	Specifies the time to shift the machine into the stand-by mode after the last job is completed.		

1916	[Idling Mode]		
	(High speed, Middle speed)		
1916 1	Mode Set	*BCU	[0 to 1 / <u>0</u> / 1 /step] 0: Off 1: On
	Executes the extra idling operation after the fusing unit becomes ready just after the main switch has been turned on.		
1916 2	Idling Time	*BCU	[10 to 120 / <u>30</u> / 10 sec/step]
	Specifies how long the extra idling operation is executed.		
1916 3	Pre-Job Mode	*BCU	[0 to 1 / <u>0</u> / 1 /step] 0: Off 1: On (4 sec) 2: On (Specifies the extra idling operation time set with SP 1916 7)
	Executes the extra idling operation after the fusing unit becomes ready when a print job arrives at the copier.		
1916 4	Idling Time	*BCU	[0 to 360 / <u>0</u> / 1 sec/step]
	Specifies how long the extra idling operation is executed when special paper is used and the line speed is 185 mm/s.		
1916 5	Pre Job Mode	*BCU	[0 to 3 / <u>1</u> / 1 /step] 0: H: on, M: off 1: H: on, M: on 2: H: off, M: on 3: H: off, M: off
	<p>Executes the idling operation if the process speed of a job meets this setting (combination between high and middle speed) after meeting following conditions. The idling operation continues until the fusing temperature reaches the printing ready condition.</p> <ul style="list-style-type: none"> Turning the main power on Recovering energy saver mode and off mode Jam recovery Door open Using Fax <p>L: Low speed 81 mm/s (for all models) M: Middle speed 125 mm/s (for C2a/k) or 165 mm/s (for C2b) H: High speed 185 mm/s (for C2a/k) or 222 mm/s (for C2b)</p>		
1916 6	Pre Job Mode	*BCU	[0 to 1 / <u>1</u> / 1 /step] 0: OFF, 1: ON
	Executes the idling operation for 2 seconds if the fusing temperature reaches the printing ready condition when receiving a job for middle thick paper in color printing mode.		
⇒ 1916 7	Pre Job Mode	*BCU	[1 to 9 / <u>4</u> / 1 /step]
	Specifies how long the extra idling operation is executed after the fusing unit becomes ready when a print job arrives at the copier.		

1917	[Env Condition] Environmental Correction Condition		
1917 1	Time	*BCU	[0 to 23.5 / <u>23.5</u> / 0.5 hour/step]
	The machine cancels the environmental correction for low temperature (SP1-912) after a prescribed time has passed after the machine is turned on, or, recovers from energy saver mode.		

SP5-XXX (Mode)

⇒	5005	[IP Address Display]	
		Display the IP address on the display	
	5005 1		0: No (default) 1: Yes

5024	[mm/inch Display Selection]		
	Display units (mm or inch) for custom paper sizes.		
	5024 1	mm/inch display	*CTL 0: mm (Europe/Asia) 1: inch (USA)

5045	[Accounting Counter]		
	Selects the counting method if the meter charge mode is enabled with SP5-930-001. NOTE: The counting method can be changed only once, regardless of whether the counter value is negative or positive.		
	5045 1	Counter Method	*CTL [0 or 1 / 0 / -] 0: Developments 1: Prints

5051	[Toner Refill Detection Display]		
	Enables or disables the toner refill detection display.		
	5051 1	Toner Refill Detection Display	*CTL [0 or 1 / 0 / -] Alphanumeric 0: ON 1: OFF

5104	[A3/DLT Double Count]		
	Specifies whether the counter is double clicked for 11 X 17 inch size prints.		
	5104 1	Double Count	*CTL [0 to 2 / 0 / 1 /step] 0: Normal count 1: Double count 2: Normal count for unknown size

5113	[Optional Counter Type]		
	5113 1	Default Optional Counter Type	*CTL This program specifies the counter type. 0: None 1: Key card (RK 3, 4) 2: Key card (down) 3: Prepaid card 4: Coin lock 5: MF key card 8: Key counter + Vendor 9: Bar-code Printer
	5113 2	External Optional Counter Type	*CTL This program specifies the external counter type. 0: None 1: External optional counter type 1 2: External optional counter type 2 3: External optional counter type 3

5118	[Disable Copying]		*CTL [0: Not disabled/ 1: Disabled]
	5118 1	This program disables copying.	

5120	[Mode Clear Opt. Counter Removal]	*CTL	[0: Yes (removed)/ 1: Standby (installed but not used)/ 2: No (not removed)]
5120 1	This program updates the information on the optional counter. When you install or remove an optional counter, check the settings.		

5121	[Counter Up Timing]	*CTL	[0: Feed/ 1: Exit]
5121 1	This program specifies when the counter goes up. The settings refer to "paper feed" and "paper exit" respectively.		

5127	[APS Mode]	*CTL	[0: Not disabled/ 1: Disabled]
5127 1	This program disables the APS.		

5128	[Code Mode With Key/Card Option]	*CTL	
5128 1	DFU		

5131	[Paper Size Type Selection]	*CTL	[0: DOM (Japan)/1: USA /2: ERP (Europe)]
5131 1	The program selects a paper size system from the following alternatives: the AB system (0), the LT system (1), and the AF system (2).		

5150	[By-Pass Length Setting]	*CTL	[0: Off/ 1: On]
5150 1	Determines whether the transfer sheet from the by-pass tray is used or not. <i>Normally the paper length for sub scanning paper from the by-pass tray is limited to 600 mm, but this can be extended with this SP to 1260 mm.</i>		

5162	[App. Switch Method]	*CTL	[0: Soft Key Set/1: Hard Key Set]
5162 1	This program specifies the switch that selects an application program.		

5167	[Fax Printing Mode at Optional]		
	Enables or disables the automatic print out without an accounting device. This SP is used when the receiving fax is accounted by an external accounting device.		
5167 1	Fax Printing Mode at Optional Counter Off	*CTL	[0 or 1 / 0 / -] 0: Automatic printing 1: No automatic printing

5169	[CE Login]		
	If you will change the printer bit switches, you must 'log in' to service mode with this SP before you go into the printer SP mode.		
5169 1	CE Login	*CTL	[0 or 1 / 0 / -] 0: Disabled 1: Enabled

5212	[Page Numbering]	*CTL	
	This program adjusts the position of the second side page numbers. A "-" value" moves the page number positions to the left edge. A "+" value" moves the page number positions to the right edge.		
5212 3	Duplex Printout Right/Left Position		[-10 to 10 / 0 / 1 mm/step]
5212 4	Duplex Printout High/Low Position		[-10 to 10 / 0 / 1 mm/step]

5302	[Set Time]		
	Adjusts the RTC (real time clock) time setting for the local time zone. Examples: For Japan (+9 GMT), enter 540 (9 hours x 60 min.) NA :-300 (New York) CH :+480 (Peking) EU :+ 60 (Paris) TW :+480 (Taipei) AS :+480 (Hong Kong)		
5302 2	Set Time	*CTL #	[-1440 to 1440 / 60 / 1 min./step]

5307	[Summer Time]		
5307 1	Setting		[0 to 1 / NA, EU, ASIA / 1 /step] 0: Disabled 1: Enabled NA and EUR: 1, ASIA: 0
	Enables or disables the summer time mode. NOTE: Make sure that both SP4-307-2 and -3 are correctly set. Otherwise, this SP is not activated even if this SP is set to "1".		
5307 3	Rule Set (Start)		
	Specifies the start setting for the summer time mode. There are 8 digits in this SP. For months 1 to 9, the "0" cannot be input in the first digit, so the eight-digit setting for -2 or -3 becomes a seven-digit setting. 1st and 2nd digits: The month. [1 to 12] 3rd digit: The week of the month. [1 to 5] 4th and 5th digits: The day of the week. [0 to 6 = Sunday to Saturday] 6th digit: The hour. [00 to 23] 7th digit: The length of the advanced time. [0 to 9 / 1 hour /step] 8th digit: The length of the advanced time. [0 to 5 / 10 minutes /step] For example: 3500010 (EU default) The timer is advanced by 1 hour at am 0:00 on the 5th Sunday in March <ul style="list-style-type: none"> The digits are counted from the left. Make sure that SP4-307-1 is set to "1". 		
5307 4	Rule Set (End)		
	Specifies the end setting for the summer time mode. There are 8 digits in this SP. 1st and 2nd digits: The month. [1 to 12] 3rd digit: The week of the month. [0 to 5] 4th digit: The day of the week. [0 to 7 = Sunday to Saturday] 5th and 6th digits: The hour. [00 to 23] The 7th and 8 digits must be set to "00". <ul style="list-style-type: none"> The digits are counted from the left. Make sure that SP4-307-1 is set to "1". 		

5401	[Access Control]		
	When installing the SDK application, SAS (VAS) adjusts the following settings. DFU		
5404 200	SDK1 Unique ID	*CTL	This ID is overwritten by SAS (VAS) when you install or uninstall the SDK application.
5404 201	SDK1 Certification Method	*CTL	[0 ~ 255 / 0 / 1 /step]
5404 210	SDK2 Unique ID	*CTL	
5404 211	SDK2 Certification Method	*CTL	[0 ~ 255 / 0 / 1 /step]
5404 220	SDK3 Unique ID	*CTL	
5404 221	SDK3 Certification Method	*CTL	[0 ~ 255 / 0 / 1 /step]

5404	[User Code Counter Clear]		
5404 1	UCodeCtrClr		Clears all counters for users.

5501	[PM Alarm]	*CTL	
5501 1	PM Alarm Level	[0 to 9999 / <u>0</u> / 1 /step] 0: Alarm off 1 to 9999: Alarm goes off when <i>Value (1 to 9999) x 1000 ≥ PM counter</i>	
5501 2	Original Count Alarm	[0 or 1 / <u>1</u> / –] 0: No alarm sounds 1: Alarm sounds after the number of originals passing through the ARDF ≥ 10,000	

5504	[Jam Alarm]	*CTL	
5504 1	Sets the alarm to sound for the specified jam level (document misfeeds are not included). [0 to 3 / <u>3</u> / 1 /step] 0: Zero (Off) 1: Low (2.5K jams) 2: Medium (3K jams) 3: High (6K jams)		

5505	[Error Alarm]	*CTL	[0 to 255 / <u>19</u> / 100 copies /step] Japan only
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5873 [SD Card Appli Move]		
5873 1	Move Exec	This SP copies the application programs from the original SD card in SD card slot 3 to an SD card in SD card slot 1.
5873 2	Undo Exec	This SP copies back the application programs from an SD card in SD Card Slot 1 to the original SD card in SD card slot 3. Use this menu when you have mistakenly copied some programs by using "Move Exec" (SP5873-1).

5875 [SC Auto Reboot]		
5875 1	SC Auto Reboot	*CTL Enables or disables the automatic reboot function when an SC error occurs. [0 or 1 / <u>1</u> / –] 0: The machine reboots automatically when the machine issues an SC error and logs the SC error code. If the same SC occurs again, the machine does not reboot. 1: The machine does not reboot when an SC error occurs. The reboot is not executed for Type A, B or C SC codes.

5878 [Option Setup]		
5878 1	Option Setup	Enables the Data Overwrite Security unit. Press "EXECUTE" on the operation panel. Then turn the machine off and on.



5886 [Remote Firmware Update Function]		
5886 1	ROM Update	0: Yes 1 (Default) 1: No
Allows to access the ROM by the Remote Firmware Update Function		

5907	[Plug & Play Maker/Model Name] Plug & Play Name Selection																																																																														
	Specifies the manufacturer and model name.																																																																														
5907 1	Plug/Play	*BCU	[0 to 17 / 0 / 1 /step] FA																																																																												
<table border="1"> <thead> <tr> <th></th><th>MF</th><th>Model Name</th><th>NetBeui</th></tr> </thead> <tbody> <tr><td>0</td><td>RICOH</td><td>Aficio 3235C</td><td>Aficio3235C</td></tr> <tr><td>1</td><td>RICOH</td><td>Aficio 3245C</td><td>Aficio3245C</td></tr> <tr><td>2</td><td>RICOH</td><td>Aficio 3228C</td><td>Aficio3228C</td></tr> <tr><td>3</td><td>SAVIN</td><td>C3528</td><td>C3528</td></tr> <tr><td>4</td><td>SAVIN</td><td>C4535</td><td>C4535</td></tr> <tr><td>5</td><td>SAVIN</td><td>C2824</td><td>C2824</td></tr> <tr><td>6</td><td>Gestetner</td><td>DSc435</td><td>DSc435</td></tr> <tr><td>7</td><td>Gestetner</td><td>DSc445</td><td>DSc445</td></tr> <tr><td>8</td><td>Gestetner</td><td>DSc428</td><td>DSc428</td></tr> <tr><td>9</td><td>NRG</td><td>DSc435</td><td>DSc435</td></tr> <tr><td>10</td><td>NRG</td><td>DSc445</td><td>DSc445</td></tr> <tr><td>11</td><td>NRG</td><td>DSc428</td><td>DSc428</td></tr> <tr><td>12</td><td>infotec</td><td>ISC 2835</td><td>ISC2835</td></tr> <tr><td>13</td><td>infotec</td><td>ISC 3545</td><td>ISC3545</td></tr> <tr><td>14</td><td>infotec</td><td>ISC 2428</td><td>ISC2428</td></tr> <tr><td>15</td><td>LANIER</td><td>LD335c</td><td>LD335c</td></tr> <tr><td>16</td><td>LANIER</td><td>LD345c</td><td>LD345c</td></tr> <tr><td>17</td><td>LANIER</td><td>LD328c</td><td>LD328c</td></tr> </tbody> </table>					MF	Model Name	NetBeui	0	RICOH	Aficio 3235C	Aficio3235C	1	RICOH	Aficio 3245C	Aficio3245C	2	RICOH	Aficio 3228C	Aficio3228C	3	SAVIN	C3528	C3528	4	SAVIN	C4535	C4535	5	SAVIN	C2824	C2824	6	Gestetner	DSc435	DSc435	7	Gestetner	DSc445	DSc445	8	Gestetner	DSc428	DSc428	9	NRG	DSc435	DSc435	10	NRG	DSc445	DSc445	11	NRG	DSc428	DSc428	12	infotec	ISC 2835	ISC2835	13	infotec	ISC 3545	ISC3545	14	infotec	ISC 2428	ISC2428	15	LANIER	LD335c	LD335c	16	LANIER	LD345c	LD345c	17	LANIER	LD328c	LD328c
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5913	[Switchover Permission Time]		
5913 1	Print Application Timer	*CTL	[3 to 30 / 3 / 1 second /step]
	Sets the amount of time to elapse while the machine is in standby mode (and the operation panel keys have not been used) before another application can gain control of the display.		
5913 102	Print Application Set	*CTL	[0 or 1 / 1 / -] DFU

5961	[Large Capacity Exit Mode]	*CTL	0: OFF, 1: ON
	Selects whether or not all stapled copies are sent to Shift Tray 1 when the Two-Tray finisher is installed.		

5967	[Copy Server Set Function]	*CTL	0: ON, 1: OFF
	Enables and disables the document server. This is a security measure that prevents image data from being left in the temporary area of the HDD. After changing this setting, you must switch the main switch off and on to enable the new setting.		

5970	[Debug Serial Output]	*CTL	
	Enables and disables the debug serial output. Bit 7: 0 (disable), 1 (enable)		

5974	[Cherry Server]		
	Specifies which version of ScanRouter, "Lite" or "Full", is installed.		
5974 1	Cherry Server Setting	*CTL	[0 or 1 / 0 / -] 0: Lite 1: Full

5989	[Loop Back Test]		
	Executes a communication test with peripherals by using a special tool (connector), which is unique for each peripheral. The machine checks if the communication with the peripherals is OK or NG; then displays the result. DFU		
5989 1	Duplex		
5989 3	Finisher		
5989 4	Paper Supply Unit		
5989 5	ADF		

5990	[SP print mode]		
	Prints out the SMC sheets.		
5990 1	All (Data List)		
5990 2	SP (Mode Data List)		
5990 3	User Program		
5990 4	Logging Data		
5990 5	Diagnostic Report		
5990 6	Non-Default		
5990 7	NIB Summary		
5990 8	Capture Log		
5990 21	Copier User Program		
5990 22	Scanner SP		
5990 23	Scanner User Program		

5991	[Jam OFF/ON] Jam ON/OFF		
	Enables or disables jam detection.		
5991 1	Jam OFF/ON		[0 or 1 / 0 / -] Alphanumeric 0: Enable 1: Disable

5993	[Line Position Adj.] Line Position Adjustment		
	Line Positioning Adjustment ([Color]) M: Main-scan, S: Sub-scan, Reg.: Registration, Mag.: Magnification For example: M Reg = Main scan registration		